

Converting Colors

CIELCh(91, 20.411, 95.999)

Have a look what the booklet for
CIELCh(91, 20.411, 95.999) contains.

CIELCh(91, 20.612, 95.660)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(91, 20.612, 95.660)

Conversions

Conversions Part 1

Format	Color
Hex	F1E5BE
RGB	241, 229, 190
RGB Percent	95%, 90%, 75%
CMY	0.0548, 0.1018, 0.2548
CMYK	0.00, 0.05, 0.21, 0.05
HSL	46°, 65%, 85%
HSV	46°, 21%, 95%
XYZ	73.6140, 78.4833, 60.0030
YIQ	228.1420, 19.6710, -9.5850

Conversions

Conversions Part 2

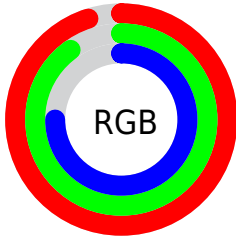
Format	Color
RYB	206, 241, 190
Decimal	15852990
CIELab	91.00, -2.03, 20.51
CIELCh	91, 20.612, 95.660
Yxy	78.4833, 0.3471, 0.3700
Android (android.graphics.Color)	4294043070 (0xFFFF1E5BE)
YUV	228.1420, -18.8040, 11.2765
Hunter-Lab	88.5908, -6.7104, 21.8561

Details

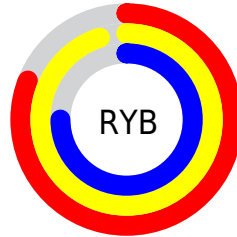
The CIELCh color **91, 20.612, 95.660** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **82, 20.971, 281.090**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 4.553, 109.821**, and **71, 21.072, 95.774** is the 20% darker color. If you saturate the color by 10%, you get **89, 30.472, 94.417**, and if you desaturate by 10%, it is **93, 10.812, 96.876**.

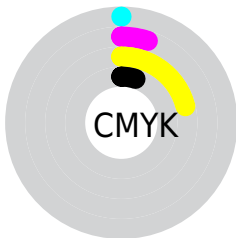
Distribution



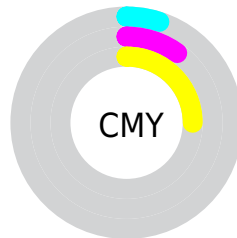
- Red (95%)
- Green (90%)
- Blue (75%)



- Red (81%)
- Yellow (95%)
- Blue (75%)



- Cyan (0%)
- Magenta (5%)
- Yellow (21%)
- Black (5%)



- Cyan (5%)
- Magenta (10%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 20.612, 95.660 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 91, 20.612, 95.660 by changing the saturation by 10% instead.

91, 20.612, 95.660

91, 20.612, 95.660

100, 20.612,
95.660

81, 20.612, 95.660

71, 20.612, 95.660

61, 20.612, 95.660

51, 20.612, 95.660

41, 20.612, 95.660

31, 20.612, 95.660

21, 20.612, 95.660

11, 20.612, 95.660

1, 20.612, 95.660

91, 20.612, 95.660

91, 20.612, 95.660

89, 30.472, 94.417

93, 10.812, 96.876

87, 40.308, 93.136

95, 1.107, 97.888

86, 49.973, 91.829

97, 4.872, 269.796

84, 59.208, 90.492

98, 4.018, 224.013

82, 67.570, 89.112

99, 4.811, 199.238

81, 74.384, 87.648

79, 78.826, 86.023

78, 80.622, 84.400

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



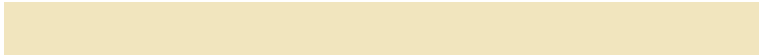
91, 20.612, 95.660



82, 20.971, 281.090

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 20.612, 95.660



91, 20.612, 145.660



91, 20.612, 275.660



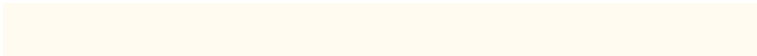
91, 20.612, 325.660

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



91, 20.613, 95.667



99, 6.062, 97.470



82, 20.202, 1.716



53, 4.023, 97.397



0, 0.000, 0.000



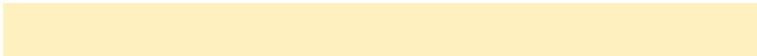
53, 0.007, 296.813

Same Dimension

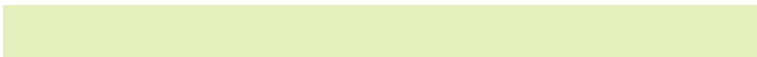
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 20.613, 95.667



95, 25.537, 95.182



93, 26.495, 118.573



49, 5.474, 97.074



61, 65.831, 84.765



18, 26.222, 87.401

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



82, 20.971, 281.090



83, 26.073, 281.733



80, 27.681, 301.416



47, 5.523, 279.399



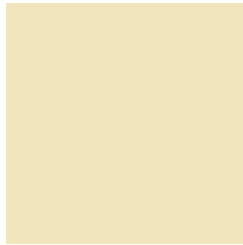
27, 87.764, 301.178



5, 31.568, 293.871

Previews

White Background



This preview shows how the CIELCh color 91, 20.612, 95.660 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 91, 20.612, 95.660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

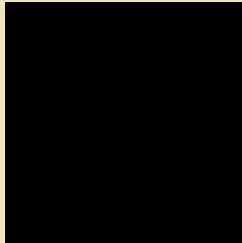
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 20.612, 95.660

Background



This preview shows how black text looks on a background with the CIELCh color 91, 20.612, 95.660.

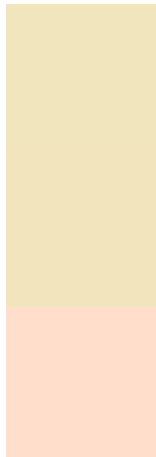


This preview shows how white text looks on a background with the CIELCh color 91, 20.612, 95.660.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

91, 20.612, 95.660

Protanopia

91, 20.703, 94.621

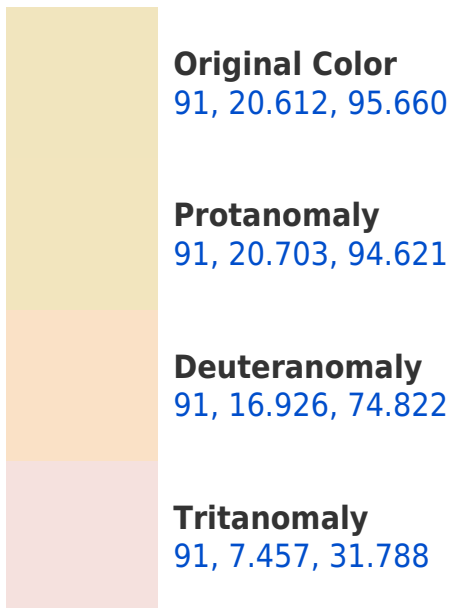
Deuteranopia

91, 15.990, 60.017



Tritanopia
91, 12.923, 334.145

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 20.612, 95.660 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(241, 229, 190)` looks like.

```
.text, #text, p{  
    color:rgb(241, 229, 190)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(241, 229, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 229, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 20.612, 95.660 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(241, 229, 190) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(241, 229, 190) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(241, 229, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 229, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 229, 190);  
box-shadow:4px 4px 4px 4px rgb(241, 229,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 20.612, 95.660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 229, 190) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(241,  
229, 190) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor